

Escola Portuguesa de Física Médica 2017 Portuguese School of Medical Physics 2017

Curso/Course 1

Commissioning and Quality Assurance in RT: from 3DCRT to VMAT and IGRT

PROGRAMA / PROGRAMM

Day 1 (January 20th, Friday)

- 8:15-8:30, Room 1: Introduction of course
- 8:30-9:30, Room 1: Commissioning of RT equipment
- 9:45-10:45, Room 1: Quality assurance of RT equipment

Coffee Break

- 11:00-12:00, Room 1: Treatment planning: dose calculation algorithms
- 12:15-13:00, Room 1: Treatment planning: implementation of ICRU83 in the clinic

Lunch Break

- 14:00-15:00, Room 1: Implementation and commissioning of IMRT/VMAT
- 15:15-16:15, Room 1: Patient-specific QA

Coffee Break

- 16:45-17:45, Room 1: Imaging systems used in RT (IGRT)
- Room 1 (MP/RT): wrap up of the day

Day 2 (January 21st, Saturday)

- 9:00-10:00, Room 1: Quality management – principles and importance of clinical audits
- 10:00-12:00, Treatment planning room: Hands-on TPS

Lunch Break

- 13:00-15:30, Linac bunker: Hands-on QA
- 15:30-16:00, Room 1: Wrap up of the day